

<b>Flight-Testing Newton's Laws</b>			
<b>2005 Science</b>			
<b>Content Standards</b>			
<b>South Dakota Science</b>			
<b>Grades 9-12</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Session-10 (1-5)	SD	SCI.9-12.9-12.P.2.1.a	Evaluate speed, velocity, and acceleration both qualitatively and quantitatively.
Session-10 (1-5)	SD	SCI.9-12.9-12.P.2.1.d	Distinguish between velocity and acceleration as related to force.
Session-10 (1-5)	SD	SCI.9-12.9-12.P.2.2.a	Describe how inertia is related to Newton's First Law.
Session-10 (1-5)	SD	SCI.9-12.9-12.P.2.2.d	Explain how force, mass, and acceleration are related.
Session-1 (1-17)	SD	SCI.9-12.9-12.P.2.1.a	Evaluate speed, velocity, and acceleration both qualitatively and quantitatively.
Session-1 (1-17)	SD	SCI.9-12.9-12.P.2.1.d	Distinguish between velocity and acceleration as related to force.
Session-1 (1-17)	SD	SCI.9-12.9-12.P.2.2.a	Describe how inertia is related to Newton's First Law.
Session-1 (1-17)	SD	SCI.9-12.9-12.P.2.2.d	Explain how force, mass, and acceleration are related.
Session-2 (1-10)	SD	SCI.9-12.9-12.P.2.2.a	Describe how inertia is related to Newton's First Law.
Session-3 (1-6)	SD	SCI.9-12.9-12.P.2.1.a	Evaluate speed, velocity, and acceleration both qualitatively and quantitatively.
Session-3 (1-6)	SD	SCI.9-12.9-12.P.2.1.d	Distinguish between velocity and acceleration as related to force.
Session-3 (1-6)	SD	SCI.9-12.9-12.P.2.2.a	Describe how inertia is related to Newton's First Law.
Session-3 (1-6)	SD	SCI.9-12.9-12.P.2.2.d	Explain how force, mass, and acceleration are related.
Session-5 (1-6)	SD	SCI.9-12.9-12.P.2.1.d	Distinguish between velocity and acceleration as related to force.
Session-5 (1-6)	SD	SCI.9-12.9-12.P.2.2.a	Describe how inertia is related to Newton's First Law.
Session-6 ( 1-8)	SD	SCI.9-12.9-12.P.2.1.a	Evaluate speed, velocity, and acceleration both qualitatively and quantitatively.
Session-6 ( 1-8)	SD	SCI.9-12.9-12.P.2.1.d	Distinguish between velocity and acceleration as related to force.
Session-6 ( 1-8)	SD	SCI.9-12.9-12.P.2.2.a	Describe how inertia is related to Newton's First Law.
Session-6 ( 1-8)	SD	SCI.9-12.9-12.P.2.2.d	Explain how force, mass, and acceleration are related.
Session-7 (1-5)	SD	SCI.9-12.9-12.P.2.1.d	Distinguish between velocity and acceleration as related to force.
Session-7 (1-5)	SD	SCI.9-12.9-12.P.2.2.a	Describe how inertia is related to Newton's First Law.
Session-8 (1-9)	SD	SCI.9-12.9-12.P.2.1.d	Distinguish between velocity and acceleration as related to force.
Session-8 (1-9)	SD	SCI.9-12.9-12.P.2.2.a	Describe how inertia is related to Newton's First Law.

Session-9 (1-7)	SD	SCI.9-12.9-12.P.2.1.d	Distinguish between velocity and acceleration as related to force.
Session-9 (1-7)	SD	SCI.9-12.9-12.P.2.2.a	Describe how inertia is related to Newton's First Law.